

## REMARKS

Claims 75 - 94, which are supported by application Figs. 9b, 37, and 38 and the related text, have been added to claim the invention with more particularly. Inasmuch as Claims 61 - 68 were previously canceled, Claims 1 - 60 and 69 - 94 are now pending.

In the 11 June 2004 Amendment, Claims 1 - 60 and 69 - 74 were shown to be patentable over the art applied in the 12 February 2004 Office Action. New Claims 75 - 94 variously depend (directly or indirectly) from independent Claims 1, 34, 39, 42, and 53. Hence, dependent Claims 75 - 94 are variously patentable over the art applied in the 12 February 2004 Office Action for the same reasons as Claims 1, 34, 39, 42, and 53.

Additionally, Claims 75 - 94 deal with various aspects of a recessed field-insulating region employed in the present varactor structure. Sakai, U.S. Patent 4,529,994, the primary reference applied against Claims 1 - 60 and 69 - 74 in the 12 February 2004 Office Action, does not utilize such a recessed field-insulating region. Nor is there any reason for modifying Sakai's varactor structure to include a recessed field-insulating region. In other words, a person skilled in the art would have no motivation for incorporating a recessed field-insulating region into Sakai's varactor. This establishes a separate basis for allowing Claims 75 - 94 over Sakai and the other art applied in the 12 February 2004 Office Action.

In short, Claims 1 - 60 and 69 - 94 are patentable over the art applied in the 12 February 2004 Office Action. Accordingly, Claims 1 - 60 and 69 - 94 should be allowed so that the application may proceed to issue.

Please telephone Applicant's Attorney at 650-964-9767 if there are any questions.

**EXPRESS MAIL LABEL NO.:**

**EV 500 310 505 US**

Respectfully submitted,

*Ronald J. Meetin*

Ronald J. Meetin  
Attorney for Applicant(s)  
Reg. No. 29,089

210 Central Avenue  
Mountain View, CA 94043-4869

Ronald J. Meetin  
Attorney at Law  
210 Central Avenue  
Mountain View, CA  
94043-4869

Tel.: 650-964-9767  
Fax: 650-964-9779